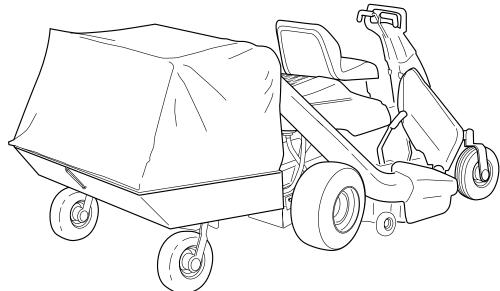


Parts Manual



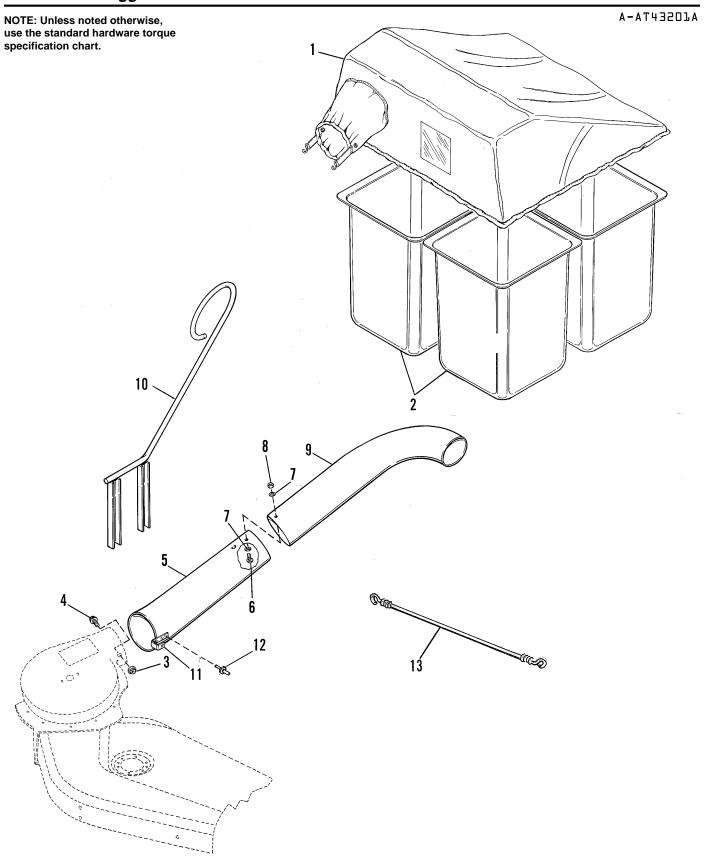
AGCO ALLIS



ZT SERIES ATTACHMENTS & ACCESSORIES

Mfg. No.	Description
1691872	Turbo Quad Bagger
1692883	38" Grass Mulcher Kit
1692884	44" Grass Mulcher Kit
1692885	50" Grass Mulcher Kit
1693106	44" Turbo Grass Collector
1693107	Quad Bagger Dump Cart
1693108	Wide Body Dump Cart
1693150	38" Clean Sweep Twin Bag Grass Catches
1693151	38", 44" & 50" Turbo Twin Bag Catcher
1693225	38" Turbo Grass Collector
1693228	50" Turbo Grass Collector
1693427	Arm Rest Accessory

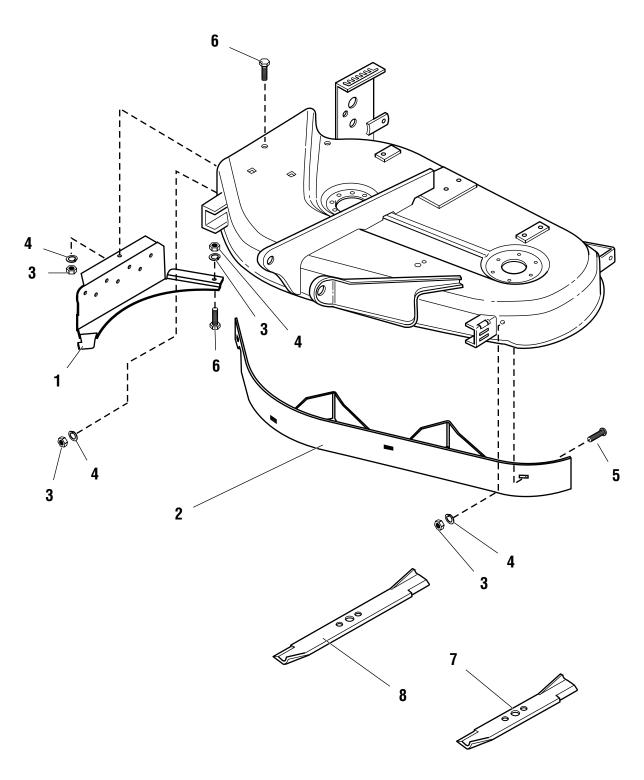
ATTACHMENTS & ACCESSORIES
1691872 - Turbo Quad Bagger
1692883 - 38" Grass Mulcher Kit
1692884 - 44" Grass Mulcher Kit
1692885 - 50" Grass Mulcher Kit
1693106 - 44" Turbo Grass Collector
Blower Group
Mounting Group
1693107 - Quad Bagger Dump Cart
1693108 - Wide Body Dump Cart
Cart Group10
Tube & Hitch Group18
1693150 - 38" Clean Sweep Twin Bag Grass Catcher
Adapter, Blade & Tube Group
Cover & Bag Group22
Hitch Group24
1693151 - 38", 44", 50" Turbo Twin Bag Catcher
Cover & Bag Group22
Hitch Group24
Tube Group20
1693225 - 38" Turbo
Blower Group
Mounting Group
1693228 - 50" Turbo
Blower Group
Mounting Group
1693427 - Arm Rest Accessory
REFERENCE INFORMATION:
Part Number Index
Torque Specification Chart



AMZ-TA-00-P055-004 9T

Turbo Quad Bagger - 1691872

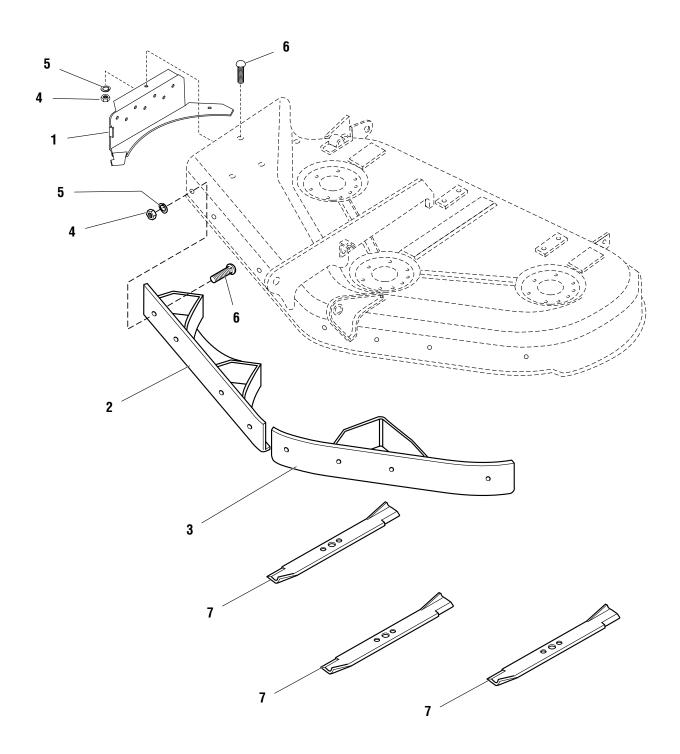
REF NO.	PART NO.	QTY.	DESCRIPTION
1	1705783	1	HOOD
1		1	
2	1703378	4	BASKET, Grass Collector
3	1930641	1	NUT, Hex, Flange, Lock, 1/4-20
4	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
5	1705112	1	TUBE ASSY., Lower (Incl. Ref. Nos. 11 & 12)
6	1930531	2	SCREW, Truss Hd., #10-32 x 1/2
7	1910531	4	WASHER, Plain, #10
8	1928919	2	NUT, Hex, Washer Assy., #10-32
9	1705779	1	TUBE, Upper
10	1707691	1	SUPPORT, Tube
11	1705063	1	CLIP, Spring
12	1673320	2	RIVET, Pop
13	1705282	1	CORD



© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

38" Grass Mulcher Kit - 1692883

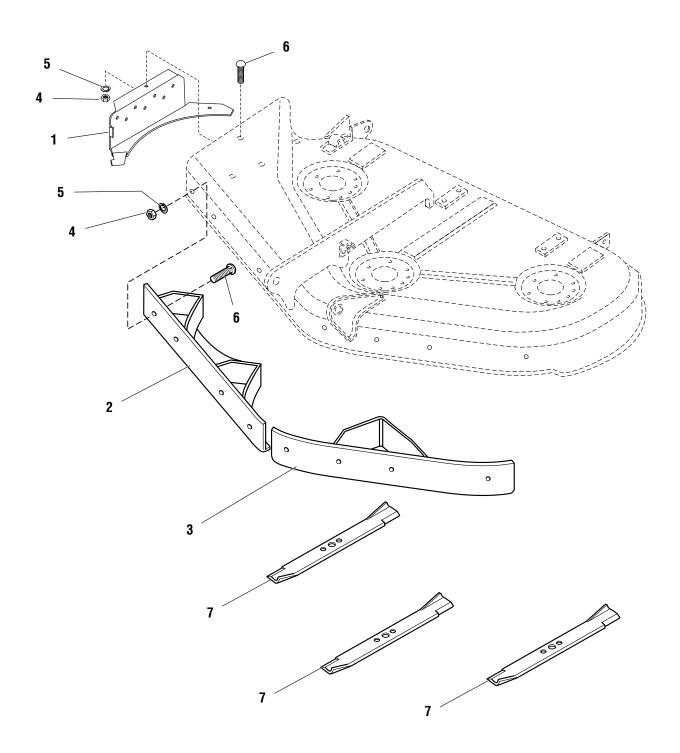
REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1716105	1	PLATE, Discharge Closure, 38"	
2	1716147	1	BAFFLE ASSY, 38"	
3	1917372	6	NUT, Hex 5/16-18	
4	1917356	6	LOCK WASHER, 5/16	
5	1931332	4	BOLT, Carriage 5/16-18 x 0.625	
6	1925205	2	BOLT, Hex Head 5/16-18 x 0.625	
7	1716696	1	BLADE, Mulch 16.12"	
8	1716695	1	BLADE, Mulch 22.5"	



6

44" Grass Mulcher Kit - 1692884

REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1715811	1	PLATE, Discharge Closure	
2	1716149	1	BAFFLE Assembly, RH 44"	
3	1716148	1	BAFFLE Assembly, LH 44"	
4	1917372	10	NUT, Hex 5/16-18	
5	1917356	10	LOCK WASHER, 5/16	
6	1931332	10	BOLT, Carriage 5/16-18 x 0.625	
7	1716696	3	BLADE, Mulch for 44"	



50" Grass Mulcher Kit - 1692885

REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1715811	1	PLATE, Discharge Closure	
2	1716151	1	BAFFLE Assembly, RH 50"	
3	1716150	1	BAFFLE Assembly, LH 50"	
4	1917372	10	NUT, Hex 5/16-18	
5	1917356	10	LOCK WASHER, 5/16	
6	1931332	10	BOLT, Carriage 5/16-18 x 0.625	
7	1716697	3	BLADE, Mulch for 50"	

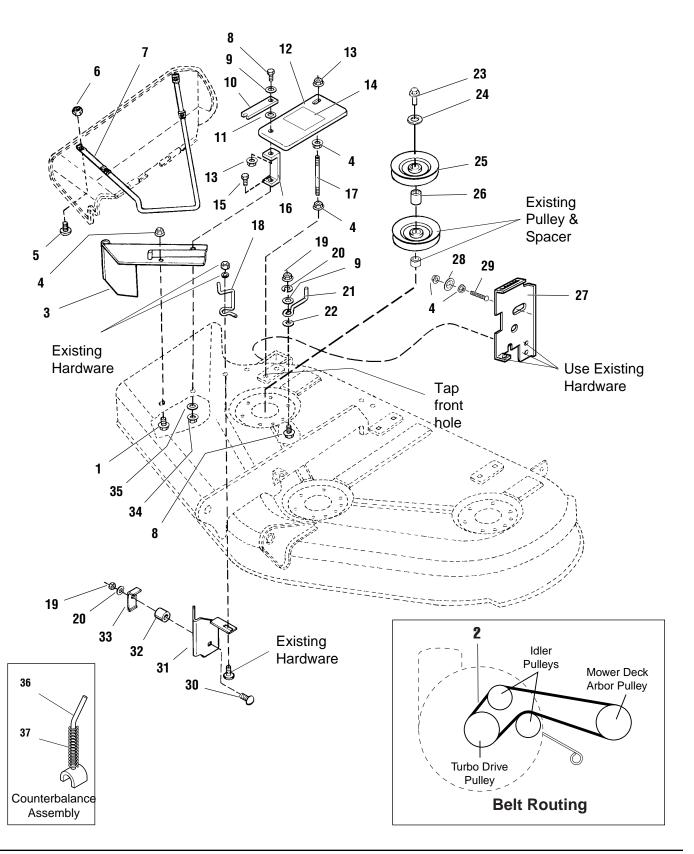
The above parts group applies to the following Mfg. Nos.:

1693106, 44" Turbo

44" Turbo, Blower Group - 1693106

REF NO.	PART NO.	QTY.	DESCRIPTION
1	108202	2	BEARING
2	960403	1	KEY, Woodruff, Modified
3	1716853	1	SPRING, Tension
4	1665982	4	BEARING, Retainer
5	1668500	1	BRACKET, Anchor, Spring
6	1714255	1	SPACER, Idler Arm
7	1931942	1	PUSHNUT, 3/8
8	1678435	1	BELT STOP
9	1700259	1	DECAL, Danger, Blower
10	1918431	1	WASHER, Plain
11	1705267	1	PLATE, Cover
12	1705492	1	FAN HOUSING (Incl. Ref. No. 9)
13	1717101	1	LEVER ASSY, Turbo (Incl. Ref. Nos. 6 &10)
14	1706465	1	PLATE ASSY.
15	1706631	1	FAN ASSY., 5 Blade
16	1706634	1	PULLEY, Driven
17	1708030	2	IDLER PULLEY ASSY.
18	1717108	1	BRACKET ASSY., Turbo
19	1917356	1	WASHER, Spring Lock, 5/16
20	1917372	1	NUT, Hex, 5/16
21	1921969	1	CAPSCREW, 3/8-16 X 1-1/2
22	1960472	2	SCREW, Truss Hd., 1/4-18 x 5/8
23	1921959	3	CAPSCREW, Hex, 1/4-20 x 5/8
24	1924009	3	CAPSCREW, Hex Hd., 1/4-20 x 3/4
25	1960339	2	NUT, 3/8-16
26	1924874	1	WASHER, Flat
27	1924940	5	WASHER, Plain
28	1925003	1	CAPSCREW, Hex, Taptite, 1/4-20 x 1/2
29	1927557	6	NUT, Flange, Whizlock, 5/16-18
30	1928691	1	SETSCREW, Hex, Socket Hd., 5/16-18 x 5/16
31	1930641	10	NUT, Hex, Flange Lock, 1/4-20
32	1931333	7	CARRIAGE BOLT, 5/16-18 x 3/4
33	1931355	1	CARRIAGE BOLT, 3/8-16 x 2-1/4
34	1708352	1	BELT STOP
35	1933988	6	PUSH NUT, 3/8
36	1924356	1	WASHER
37	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
38	1960256	2	SCREW, Washer. Hd, 1/4-18 x 5/8
39	1922755	3	WASHER
40	1931277	2	NUT, Whizlock, 5/16-18
41	1679164	1	CUP WASHER
42	1960565	1	CARRIAGE BOLT, 5/16-18 x 2-1/2

NOTE: All original mower deck parts are shown as phantom parts.



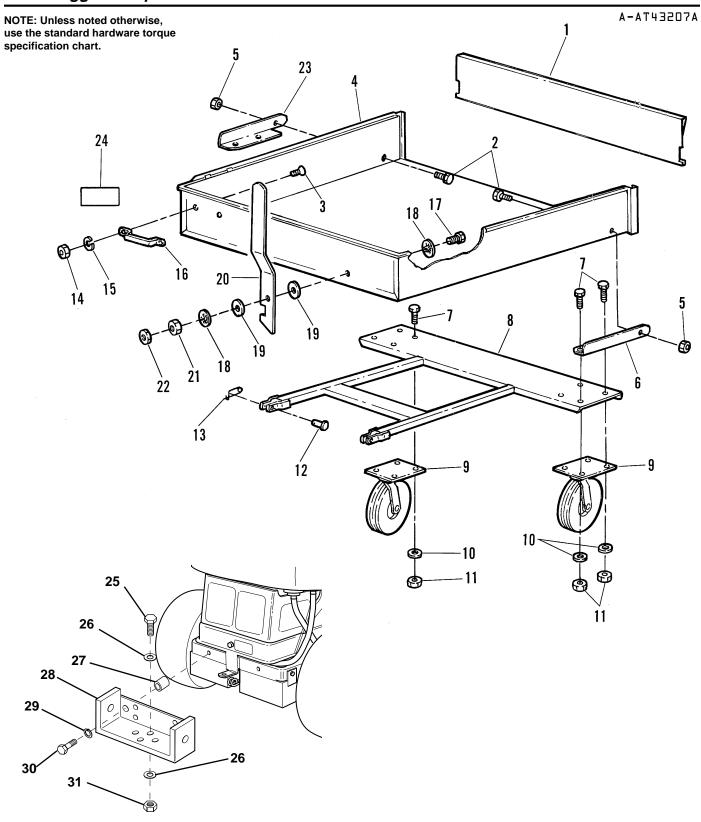
The above parts group applies to the following Mfg. Nos.:

© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

AM2-TA-00-P055-004 9T

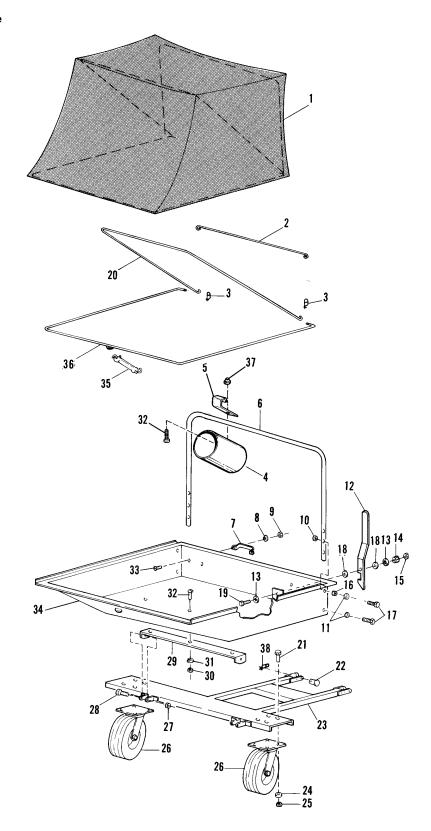
44" Turbo, Mounting Group - 1693106

REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4" Lg.	
2	1717146	1	V-BELT	
3	1705070	1	PIVOT ASSEMBLY	
4	1931277	5	NUT, Hex Flange, Whiz0lock, 5/16-18	
5	1960404	4	CAPSCREW, Truss Head, #10-24 x 3/4" Lg.	
6	1933896	6	NUT, Nylock, #10-24	
7	1718295	1	ROD, Deflector	
8	1921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1" Lg.	
9	1919326	2	WASHER, Flat, 11/32	
10	1717107	1	SUPPORT STRAP, Deflector	
11	960210	1	WASHER, Nylon, 0.388" Dia.	
12	1717105	1	COVER, Turbo Belt	
13	1919438	2	NUT, Hex, Nylock, 5/16-18	
14	1717291	1	DECAL, Warning	
15	1921333	1	CAPSCREW, Hex Hd., 5/16-18 x 1" Lg.	
16	1717104	1	SUPPORT, Belt Cover	
17	1717106	1	STUD, 5/16-18 x 5-3/4" Lg.	
18	1715018	1	LATCH, Spring Wire	
19	1917372	3	NUT, Hex, 5/16-18	
20	1917356	3	LOCKWASHER, 5/16	
21	1674315	1	STOP, Belt	
22	1924940	1	WASHER, Flat, 3/8	
23	1713523	1	NUT, Sleeve	
24	1603592	1	WASHER, Belleville	
25	1717123	1	PULLEY	
26	1713624	1	HUB, Double, 1.160" Long	
27	1717109	1	BRACKET, Height Adjustment	
28	1679164	1	CUP WASHER	
29	1960565	1	CAPSCREW, Rnd Hd., 5/16-18 x 2.5 Lg.	
30	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4" Lg.	
31	1704880	1	BRACKET ASSEMBLY	
32	1666294	1	SPACER	
33	1705308	1	BRACKET, "L"	
34	1927557	1	NUT, Hex Flange, Whiz-Lock, 5/16-18	
35	1922755	1	WASHER, Flat, 13/32	
36	1718215	1	LEVER ASSEMBLY, ZT Counterbalance	
37	1718214	1	SPRING, Compression	



Quad Bagger Dump Cart - 1693107

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1708239	1	TAILGATE
2	1923114	2	CAPSCREW, 1/2-13 x 1
3	1921958	2	CAPSCREW, Hex, 1/4-20 x 1/2
4	1708238	1	BOX
5	1930644	3	LOCKNUT, Hex, Flange, 1/2-13
6	1703334	1	BRACKET, Pivot, L.H.
7	1921210	8	CAPSCREW, Hex, 3/8-16 x 1
8	1703336	1	FRAME
9	1676892	2	WHEEL, Swivel
10	1924940	8	WASHER, 3/8
11	1930651	8	NUT, Hex, Lock, 3/8-16
12	102004	2	PIN, Clevis, 1/2 x 1-1/2
13	176012	2	PIN, Safety
14	1916622	2	NUT, Hex, 1/4-20
15	1916964	2	LOCKWASHER, 1/4
16	1700768	1	HANDLE, Lift
17	1921977	1	CAPSCREW, 5/16-18 x 1-1/4
18	1919326	2	WASHER, 5/16
19	177649	2	WASHER, Spring, Special, 5/16
20	1700765	1	HANDLE, Latch
21	1917372	1	NUT, Hex, Full, 5/16-18
22	1920161	1	NUT, Hex, Jam, 5/16-18
23	1703335	1	BRACKET, Pivot, R.H.
24	1703370	1	DECAL, Max. Capacity
25	1921210	1	Capscrew, 3/8-16 x 1
26	1924940	2	Flat Washer, 3/6
27	1666332	2	Spacer
28	1703334	1	Hitch
29	1916965	2	Lockwasher, 3/8
30	1922130	2	Capscrew, 3/8-16 x 2-1/4
31	1930561	1	Hex Nut, 3/8-16
*	1708120	1	DECAL, Max. Cap.



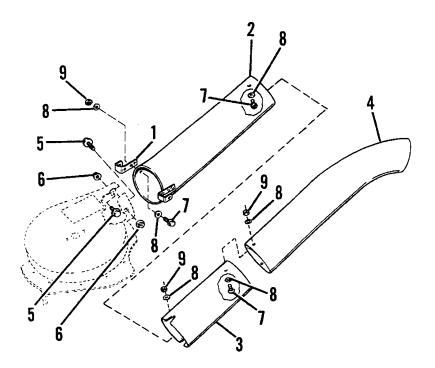
© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

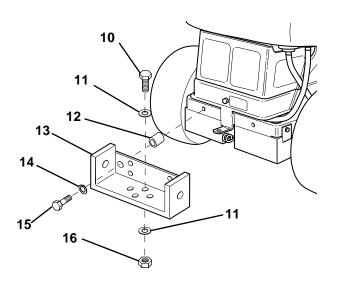
Wide Body Cart, Cart Group - 1693108

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1708211	1	COVER
2	1700763	1	ROD, Straight
3	176012	2	CLIP
4	1700866	1	SLEEVE, Plastic, Connecting
5	1708099	1	CLAMP, Sleeve
6	1700758	1	TUBE, Support
7	1700768	2	HANDLE, Lift
8	1916964	4	LOCKWASHER, 1/4
9	1916622	4	NUT, Hex, 1/4-20
10	1923362	4	NUT, Lock, 5/16-18
11	1919326	6	WASHER, Flat, 5/16
12	1708212	1	HANDLE, Latch
13	177649	2	WASHER, Spring, 5/16
14	1917372	1	NUT, Hex, Full, 5/16-18
15	1920161	1	NUT, Jam, 5/16-18
16	1700267	2	SPACER, Plastic, 5/16
17	1921677	4	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
18	1919326	4	WASHER, 11/32 x 3/4
19	1921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
20	1700761	1	ROD, Support
21	1921210	8	BOLT, Hex, 3/8-16 x 1
22	102004	2	PIN,1/2x 1-1/4
23	1708213	1	FRAME
24	1924940	8	WASHER, Flat, 3/8 S.A.E.
25	1930651	8	NUT, Hex Lock, 3/87-16
26	1676892	2	WHEEL, Swivel, 410/350-4
27	1922134	2	NUT, Hex Lock, 1/2-13
28	1921176	4	CAPSCREW, Hex Hd., 1/2-13 x 1-1/4
29	1700767	1	"U" BRACKET
30	1917372	3	NUT, Hex, 5/16-18
31	1917356	3	LOCKWASHER, 5/16
32	1918249	3	BOLT, Slotted, Truss Hd.
33	1921958	4	CAPSCREW, Hex Hd., 1/4-20 x 1/2
34	1708210	1	BOX
35	1700266	1	STRAP, Rubber, 6"
36	1700762	1	ROD, Support
37	1920397	1	NUT, Nylon insert, 1/4-20
38	176012	2	SAFETY CLIP

Footnotes:

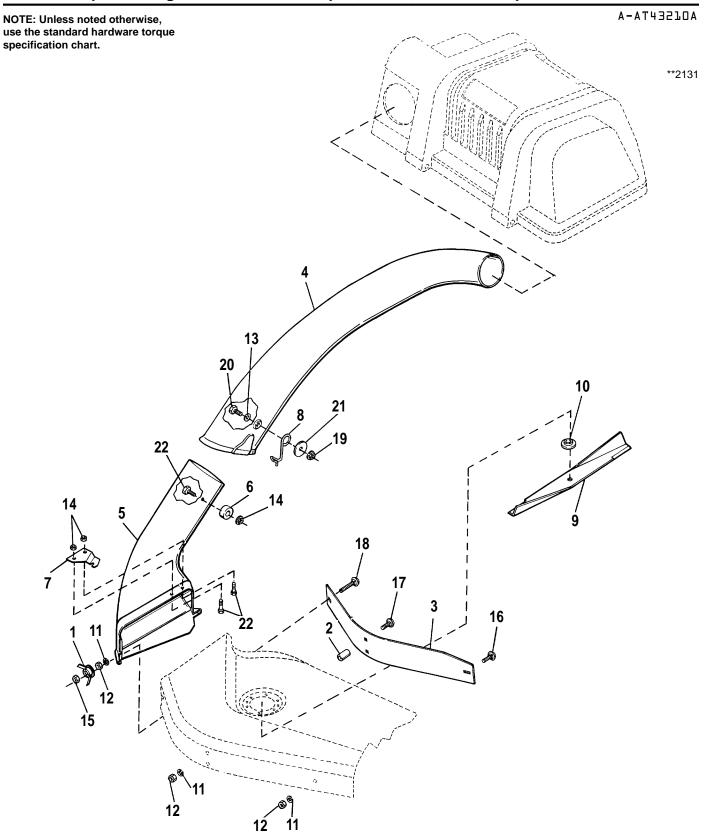
* Not Pictured





Wide Body Cart, Tube & Hitch Group - 1693108

REF NO.	PART NO.	QTY.	DESCRIPTION	_
1	1705063	1	CLIP, Spring	
2	1707712	1	TUBE ASSY, Lower	
3	1704854	1	TUBE ASSY, Middle	
4	1707710	1	TUBE ASSY, Upper	
5	1960252	2	CARRIAGE BOLT, 1/4-20 x 5/8	
6	1930641	2	LOCKNUT, Flange, 1/4-20	
7	1930531	6	SCREW, Truss Head, 10-32 x 1/2	
8	1910531	12	WASHER, Plain, #10	
9	1928919	6	NUT & WASHER ASSY, 10-32	
10	1921210	1	Capscrew, 3/8-16 x 1	
11	1924940	2	Flat Washer, 3/6	
12	1666332	2	Spacer	
13	1703334	1	Hitch	
14	1916965	2	Lockwasher, 3/8	
15	1922130	2	Capscrew, 3/8-16 x 2-1/4	
16	1930561	1	Hex Nut, 3/8-16	



NOTE: Unless noted otherwise, use the standard hardware torque specification chart located on the inside back cover.

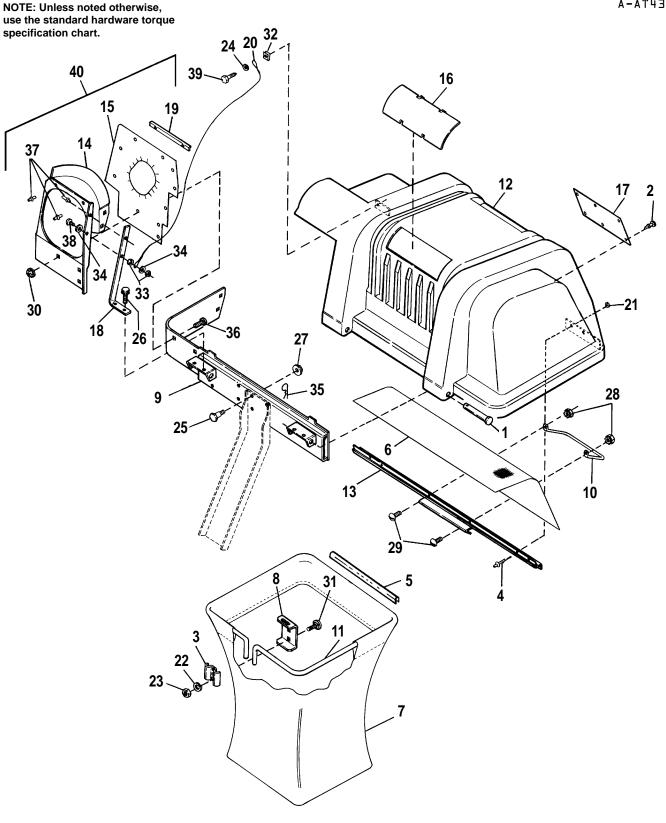
The above parts group applies to the following Mfg. Nos.:

© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

Clean Sweep Twin Bag Grass Catcher; Adapter, Blade, & Tube Group - 1693150

REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1679163	1	WING NUT ASSY.	
2	1702665	2	SPACER	
3	1703765	1	BAFFLE, 38" Mower	
4	1703769	1	TUBE, Transfer	
5	1718535	1	ADAPTER	
6	1704341	1	WASHER, Special	
7	1704355	1	BRACKET, Attachment	
8	1704603	1	LATCH, Tube	
9	1704977	1	BLADE, High Lift, 38" Mower	
10	1705010	1	ADAPTER, Blade, High Lift	
11	1917356	4	LOCKWASHER, 5/16	
12	1917372	4	NUT, Hex, 5/16-18	
13	1919326	1	WASHER, Flat	
14	1919438	3	NUT, Hex, Lock Esna, 5/16-18	
15	1928698	1	NUT, Hex, Centerlock, 5/16-18	
16	1931332	1	CARRIAGE BOLT, 5/16-16 x 5/8	
17	1931338	2	CARRIAGE BOLT, 5/16-18 x 1 -3/4	
18	1931339	1	CARRIAGE BOLT, 5/16-18 x 2	
19	1935048	1	NUT, Flange Lock	
20	1960122	1	CAPSCREW, Hex Hd.	
21	1960185	1	WASHER, Flat	
22	1960371	3	CAPSCREW, Hex Hd., 5/16-18 x 3/4	

A-AT43211A

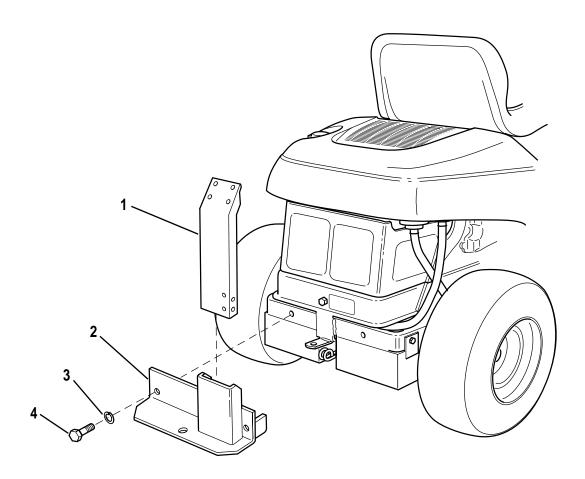


Clean Sweep & Turbo Clean Sweep Twin Catcher, Cover & Bag Group - 1693150, 1693151

REF NO.	PART NO.	QTY.	DESCRIPTION					
1	960367	2	PIN, Round Head					
2	1667248	6	CLIP, Canoe					
3	1672023	2	CLAMP					
4	1675043	4	IVET, Pop					
5	1675707	2	LIP, Tube					
6	1703700	1	SCREEN					
7	1703764	2	BAG, Grass					
8	1703807	2	HANGER					
9	1703822	1	CROSS ASSY.					
10	1703853	1	HANDLE, Latch					
11	1703855	2	HOOP, Bag					
12	1704056	1	COVER ASSY. (Incl. Ref. Nos. 4, 6, 13, 20, 21, 24, 32 & 39)					
13	1704057	1	SEAL, Clip					
14	1704075	1	SUPPORT, Tube					
15	1704135	1	SEAL, Cover					
16	1704180	2	WINDOW					
17	1704405	1	DECAL, Safety					
18	1704507	1	STRAP, Tube Support					
19	1704508	3	BRACKET SEAL					
20	1705876	1	CABLE, Double Loop					
21	1910531	4	WASHER					
22	1917356	4	LOCKWASHER, 5/16					
23	1917372	4	NUT, Hex, 5/16-18					
24	1921319	1	WASHER, Plain, 1/4					
25	1921966	4	CAPSCREW, Hex Hd., 3/8-16 x 7/8					
26	1927428	2	SCREW, Taptite, 1/4-20 x 3/8					
27	1928352	4	NUT, Hex, Whizlock, 3/8-16					
28	1928919	2	NUT, Hex, #10-32					
29	1930531	2	SCREW, Truss. Hd., #10-32 x 1/2					
30	1930642	5	LOCKNUT, Flange, 1/4-20 End Lock					
31	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4					
32	1933886	1	NUT, Speed					
33	1960077	2	NUT, Hex, Lock, #8-32					
34	1960096	2	WASHER					
35	1960221	2	CLIP, Hairpin					
36	1960252	5	CARRIAGE BOLT, 1/4-20 x 5/8					
37	1960381	7	RIVET, Pop					
38	1960399	1	SCREW, Round Hd., #8-32 x 7/8					
39	1960400	1	SCREW, Self Tapping, #10-12 x 5/8					
40	1704615	1	SUPPORT ASSEMBLY, Tube (Incl. Ref. Nos. 14,15,18,19,33,34,37,38)					

A-AT43212A

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

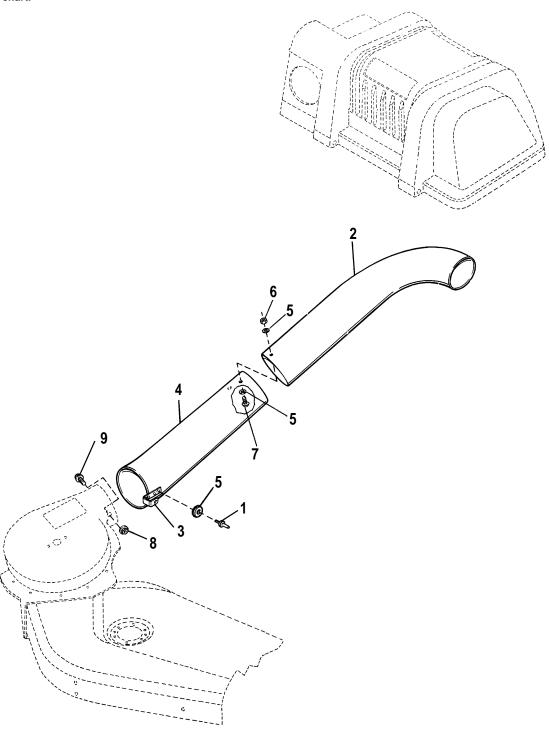


Clean Sweep & Turbo Clean Sweep Twin Catcher, Hitch Group - 1693150, 1693151

REF NO.	PART NO.	QTY.	DESCRIPTION
1	1709111	1	SUPPORT, Catcher
2	1716025	1	HITCH ASSY, Twin Bagger
3	1916965	2	LOCKWASHER, 3/8
4	1922648	2	CAPSCREW, 3/8-16 x 4 (Used with 18HP Models)
4	1923903	2	CAPSCREW, 3/8-16 x 3 (Used with 14HP & 16HP Models)

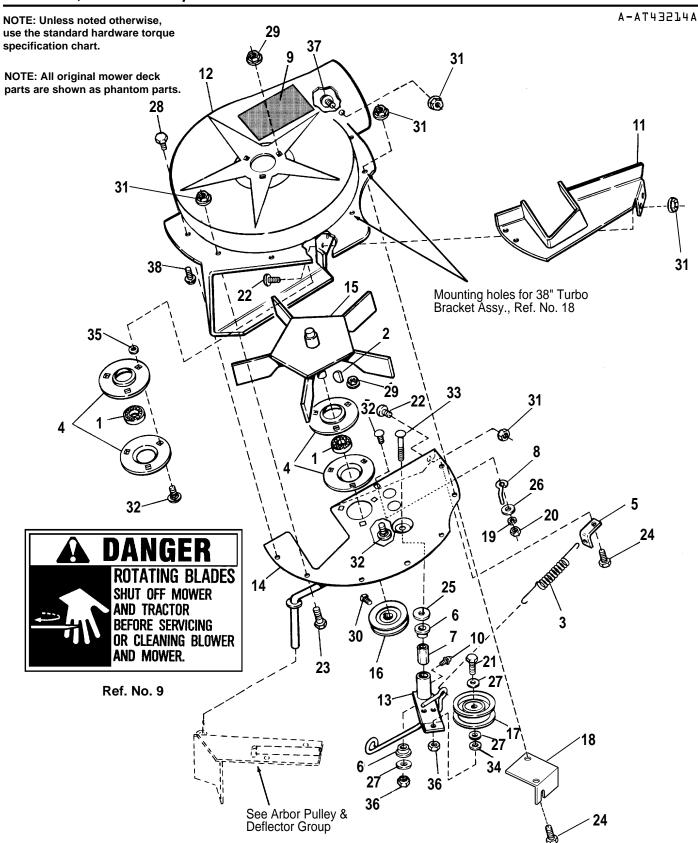
Footnotes:

25



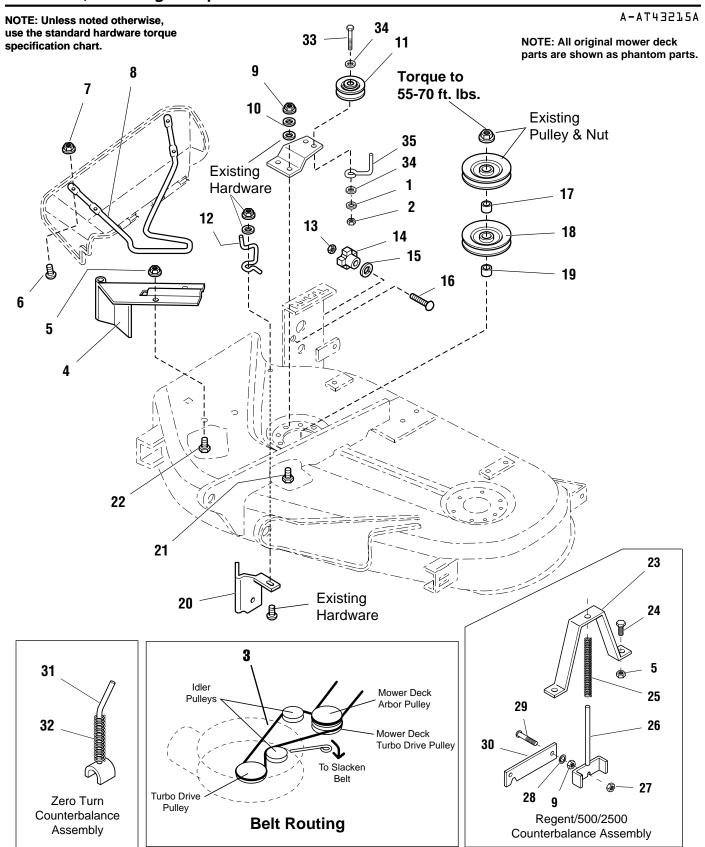
Turbo Twin Catcher, Tube Group - 1693151

REF NO.	PART NO.	QTY.	DESCRIPTION
1	910542	2	RIVET, Pop
2	1715663	1	ELBOW, Upper
3	1705063	1	CLIP, Spring
4	1705111	1	TUBE ASSY., Lower (Incl. Ref. Nos.1, 3 & 5)
5	1910531	6	WASHER, Plain
6	1928919	2	NUT, Hex
7	1930531	2	SCREW, Truss Hd., #10-32 x 1/2
8	1930641	1	NUT, Hex, Flange Lock, 1/4-20 (Shipped with Turbo)
9	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8 (Shipped with Turbo)



38" Turbo, Blower Group - 1693225

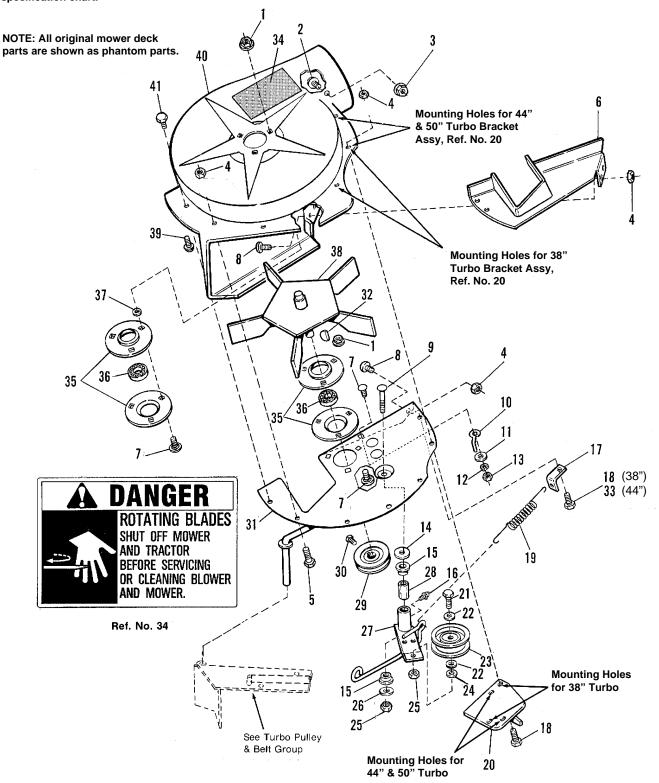
REF NO.	PART NO.	QTY.	DESCRIPTION
1	108202	2	BEARING
2	960403	1	KEY, Woodruff, Modified, .188 x .875 #61
3	1657499	1	SPRING, Tension
4	1665982	4	BEARING, Retainer
5	1668500	1	BRACKET, Anchor, Spring
6	1676148	2	BUSHING
7	1676833	1	SPACER
8	1678435	1	BELT STOP
9	1700259	1	DECAL, Danger, Blower
10	1704314	1	FITTING, Grease
11	1705267	1	PLATE, Cover
12	1705492	1	FAN HOUSING (Incl. Ref. No. 9)
13	1706284	1	LEVER ASSY, Turbo (Incl. Ref. Nos. 6 &10)
14	1706465	1	PLATE ASSY.
15	1706631	1	FAN ASSY., 5 Blade
16	1706634	1	PULLEY, Driven
17	1708030	1	IDLER PULLEY ASSY.
18	1714911	1	BRACKET ASSY., Turbo
19	1917356	1	WASHER, Spring Lock, 5/16
20	1917372	1	NUT, Hex, 5/16
21	1920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
22	1960472	2	SCREW, Truss Hd., 1/4-18 x 5/8
23	1921959	3	CAPSCREW, Hex, 1/4-20 x 5/8
24	1923341	3	CAPSCREW, Hex Hd., 1/4-20 x 3/4
25	1924361	1	WASHER, Flat
26	1924874	1	WASHER, Flat, 5/16
27	1924940	3	WASHER, Plain, 3/8
28	1925003	1	CAPSCREW, Hex, Taptite, 1/4-20 x 1/2
29	1927557	6	NUT, Flange, Whizlock, 5/16-18
30	1928691	1	SETSCREW, Hex, Socket Hd., 5/16-18 x 5/16
31	1930641	10	NUT, Hex, Flange Lock, 1/4-20
32	1931333	7	CARRIAGE BOLT, 5/16-18 x 3/4
33	1931355	1	CARRIAGE BOLT, 3/8-16 x 2-1/4
34	1933263	1	WASHER, Flat, 7/16
35	1933988	6	PUSH NUT, 3/8
36	1960251	2	NUT, Hex, Jam, Center Lock, 3/8-16
37	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
38	1960256	2	SCREW, Washer Hd., 1/4-18 x 5/8



© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

38" Turbo , Mounting Group - 1693225

	oo , moantii		1000220
REF NO.	PART NO.	QTY.	DESCRIPTION
1	1916965	1	LOCKWASHER, 3/8
2	1916950	1	NUT, 3/8-16
3	1705141	1	V-BELT
4	1705066	1	PIVOT BRACKET
5	1931277	3	LOCKNUT, 5/16-18
6	1960404	4	SCREW, Truss Hd., 10-24 x 3/4
7	1933896	4	NUT, Nylock, 20-24
8	1718295	1	SUPPORT ROD, Deflector
9	1917372	4	NUT, 5/16-18
10	1917356	4	LOCKWASHER,
11	1714817	1	IDLER PULLEY ASSY. (Includes Spacer)
12	1715018	1	SPRING LATCH
13	1923362	1	LOCKNUT, 5/16-18
14	1670578	1	KNOB
15	1933468	1	WASHER, 11/32 OD x 1-1/4 ID x 1/8 Thick
16	1931337	1	CARRIAGE BOLT, 5/16-18 x 1-1/2
17	1713624	1	HUB, Splined, 1.28" Long
18	1713091	1	PULLEY
19	1713621	1	HUB, 1.65" Long
20	1704881	1	BAFFLE
21	1930600	2	SCREW, Taptite, 5/16-18 x 1-1/2
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1717143	1	BRACKET, Counterbalance
24	1930591	1	SCREW, Hex Whiz-Lock, 5/16-18 x 3/4
25	1716875	1	SPRING, Compression (Long)
26	1717289	1	ROD ASSEMBLY, Counterbalance
27	1935048	1	NUT, Flange, 2-Way Lock, 5/16-18
28	1917356	1	LOCKWASHER, 5/16
29	1960233	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
30	1717297	1	ARM, Rear
31	1718215	1	LEVER ASSEMBLY, ZT Counterbalance
32	1718214	1	SPRING, Compression (Short)
33	1921971	1	CAPSCREW, 3/8-16 x 1-1/4
34	1924940	2	WASHER, 3/8
35	172845	1	BELT GUIDE



© Copyright 1998 Simplicity Manufacturing, Inc. All Rights Reserved.

50" Turbo, Blower Group - 1693228

REF NO.	PART NO.	QTY.	DESCRIPTION				
1	1935048	6	NUT, Flange, Whizlock, 5/16-18				
2	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8				
3	1920397	9	NUT, Hex, Nylock, 1/4-20				
4	1930641	3	NUT, Hex, Flange Lock, 1/4-20				
5	1921959	3	CAPSCREW, Hex, 1/4-20 x 5/8				
6	1705267	1	PLATE, Cover				
7	1931333	9	CARRIAGE BOLT, 5/16-18 x 3/4				
8	1960472	2	SCREW, Truss Hd., 1/4-18 x 5/8				
9	1931355	1	CARRIAGE BOLT, 3/8-16 x 2-1/4				
10	1678435	1	BELT STOP				
11	1924874	1	WASHER, Flat				
12	1917356	1	WASHER, Spring Lock, 5/16				
13	1917372	1	NUT, Hex, 5/16				
14	1924361	1	WASHER, Flat				
15	1676148	2	BUSHING				
16	1704314	1	FITTING, Grease				
17	1668500	1	BRACKET, Anchor, Spring				
18	1923341	3	CAPSCREW, Hex Hd., 1/4-20 x 3/4 (38" Models)				
19	1716853	1	SPRING, Tension				
20	1704983	1	BRACKET ASSY., Turbo				
21	1920415	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4				
22	1924940	2	WASHER, Plain				
23	1708030	1	IDLER PULLEY ASSY.				
24	1933263	1	WASHER, Flat				
25	1960251	2	NUT, Hex, Jam, Center Lock, 3/8-16				
26	1924940	1	WASHER, Flat				
27	1706284	1	LEVER ASSY, Turbo (Incl. Ref. Nos. 15 &16)				
28	1676833	1	SPACER				
29	1706634	1	PULLEY, Driven				
30	1928691	1	SETSCREW, Hex, Socket Hd., 5/16-18 x 5/16				
31	1706465	1	PLATE ASSY.				
32	960403	1	KEY, Woodruff, Modified				
33	1924009	1	CAPSCREW, Hex Hd., 1/4-20 x 7/8 (44" Models)				
34	1700259	1	DECAL, Danger, Blower				
35	1665982	4	BEARING, Retainer				
36	108202	2	BEARING				
37	1933988	3	PUSH NUT, 3/8				
38	1706631	1	FAN ASSY., 5 Blade				
39	1960256	1	SCREW, Truss Hd, 1/4-18 x 1/4				
40	1705492	1	FAN HOUSING (Incl. Ref. No. 34)				
41	1925003	1	CAPSCREW, Hex, Taptite, 1/4-20 x 1/2				

Belt Routing

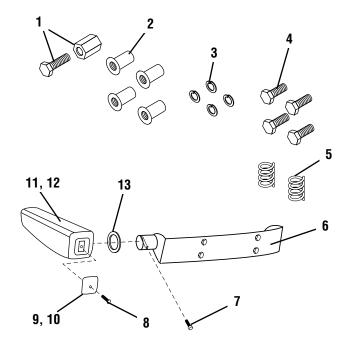
Turbo Drive Pulley

Belt

Assembly

50" Turbo, Mounting Group - 1693228

REF NO.	PART NO.	QTY.	DESCRIPTION	
1	1713540	1	ROLLER	
2	1717291	1	DECAL, Warning	
3	1707956	1	V-BELT	
4	1718214	1	SPRING, Counterbalance	
5	1718215	1	LEVER ASSY, Counterbalance	
6	1923325	2	CAPSCREW, Hex Hd, 5/16-18 x 7/8	
7	1705066	1	PIVOT ASSEMBLY	
8	1931277	4	NUT, Hex Whizlock, 5/16-18	
9	1960404	4	SCREW, Truss Hd, #10-24 x 3/4	
10	1933896	4	NUT, Hex, Nylon Lock, #10-24	
11	1718295	1	ROD, Deflector	
12	1921333	2	CAPSCREW, Hex Hd, 5/16-18 x 1	
13	1919326	3	WASHER, 5/16	
14	1718309	1	COVER, Belt	
15	1718304	1	SUPPORT, Belt Cover	
16	1919438	1	NUT, Hex 5/16-18	
17	1921969	1	CAPSCREW, Hex Hd 3/8-16 x 1-1/2	
18	1924940	3	WASHER, Flat, 3/8	
19	1714817	1	PULLEY ASSEMBLY, Idler	
20	1705277	1	LATCH, Belt Cover	
21	1704768	1	BRACKET, Idler	
22	1916965	1	LOCKWASHER, 3/8	
23	1916950	1	NUT, Hex, 3/8-16	
24	1705308	1	BRACKET	
25	1917356	2	LOCKWASHER, 5/16	
26	172845	1	BELT STOP	
27	1931335	2	CARRIAGE BOLT, 5/16-18 x 1	
28	1713523	1	NUT, Sleeve	
29	1603592	1	WASHER, Belleville	
30	1709941	1	PULLEY	
31	1713634	1	HUB, Double Pulley, 1.16" Long	
32	1925003	1	CAPSCREW, Hex Hd, 1/4-20 x 1/2	
33	1921319	1	WASHER, 1/4	
34	1678435	1	BELT STOP, (Height Indicator)	
35	1705064	1	LATCH, Spring	
36	1919381	1	WASHER, 5/16	
37	1960318	1	CAPSCREW, Hex Hd, 5/16-18	
38	1923362	1	NUT, Hex Lock, 5/16-18	
39	1679163	1	NUT, Wing, Special, 5/16	
40	1917372	3	NUT, Hex, 5/16-18	
41	1704982	1	BRACKET, Anchor	
42	1704098	1	UPSTOP, Wire	
43	1960373	2	CAPPIACE POLT 5/16 19	
44 45	1960223	1	CARRIAGE BOLT, 5/16-18 BRACKET ASSEMBLY, Cutoff	
45 46	1704880	1	, , , , , , , , , , , , , , , , , , ,	
46 47	1666294	1	SPACER PUSHNUT	
47	1960520	1	FUORINUT	



Arm Rest Accessory - 1693427

REF NO.	PART NO.	QTY.	DESCRIPTION
1	‡	1	INSERT TOOL
2	1718852	4	INSERT-NUT, Open End
3	1916965	4	LOCKWASHER, 3/8
4	1921965	4	BOLT, 3/8-16 x 3/4
5	1719363	2	SPRING, Compression
6	‡	1	BRACKET, Arm Rest Mounting
7	*	2	ARM REST STOP
8	*	2	SCREW, Tapping, #10 x 5/8
9	*	1	PLATE, Cover, LH
10	*	1	PLATE, Cover, RH
11	*	1	ARM REST, LH
12	*	1	ARM REST, RH
13	*	2	WAVE WASHER

Footnotes:

Arm Rest Accessory 1693427 used with seats P/N's 1715912 & 1718851 ONLY.

‡ Not a Servicable Part.

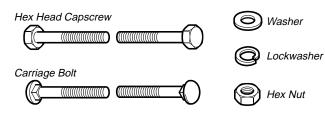
* Contained in Arm Rest Replacement Kit: LH Arm Rest Repair Kit 1686729
 RH Arm Rest Repair Kit 1686728

Part No.	Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.
‡	36	1	1679163 34	39	1705063 18	1	1713634 34	31	1916950 30	2
‡	36	6	1679164 10	41	1705063 26	3	1714255 10	6	1916950 34	23
*	36	7	1679164 12	28	1705064 34	35	1714817 30	11	1916964 14	15
*	36	8	1700259 10	9	1705066 30	4	1714817 34	19	1916964 16	8
*	36	9	1700259 28	9	1705066 34	7	1714911 28	18	1916965 14	29
*	36	10	1700259 32	34	1705070 12	3	1715018 12 1715018 30	18	1916965 18 1916965 24	14
*	36 36	11 12	1700266 16 1700267 16	35 16	1705111 26 1705112 2	4 5	1715018 30 1715663 26	12 2	1916965 24 1916965 30	3 1
*	36	13	1700207 10	6	1705112 2	3	1715811 6	1	1916965 34	22
102004	14	12	1700761 16	20	1705267 10	11	1715811 8	1	1916965 36	3
102004	16	22	1700762 16	36	1705267 28	11	1716025 24	2	1917356 4	4
108202	10	1	1700763 16	2	1705267 32	6	1716105 4	1	1917356 6	5
108202	28	1	1700765 14	20	1705277 34	20	1716147 4	2	1917356 8	5
108202	32	36	1700767 16	29	1705282 2	13	1716148 6	3	1917356 10	19
172845	30	35	1700768 14	16	1705308 12	33	1716149 6	2	1917356 12	20
172845	34	26	1700768 16	7	1705308 34	24	1716150 8	3	1917356 16	31
176012	14	13	1700866 16	4	1705492 10	12	1716151 8	2	1917356 20	11
176012	16	3	1702665 20	2	1705492 28	12	1716695 4	8	1917356 22	22
176012	16	38	1703334 14	6	1705492 32	40	1716696 4	7	1917356 28	19
177649 177649	14 16	19 13	1703334 14 1703334 18	28 13	1705779 2 1705783 2	9 1	1716696 6 1716697 8	7 7	1917356 30 1917356 30	10 28
910542	26	1	1703334 16	23	1705765 2	20	1716853 10	3	1917356 32	12
960210	12	11	1703336 14	8	1706284 28	13	1716853 32	19	1917356 34	25
960367	22	1	1703370 14	24	1706284 32	27	1716875 30	25	1917372 4	3
960403	10	2	1703378 2	2	1706465 10	14	1717101 10	13	1917372 6	4
960403	28	2	1703700 22	6	1706465 28	14	1717104 12	16	1917372 8	4
960403	32	32	1703764 22	7	1706465 32	31	1717105 12	12	1917372 10	20
1603592	2 12	24	1703765 20	3	1706631 10	15	1717106 12	17	1917372 12	19
1603592		29	1703769 20	4	1706631 28	15	1717107 12	10	1917372 14	21
1657499		3	1703807 22	8	1706631 32	38	1717108 10	18	1917372 16	14
1665982		4	1703822 22	9	1706634 10	16	1717109 12	27	1917372 16	30
1665982		4	1703853 22	10	1706634 28	16	1717123 12	25	1917372 20	12
1665982 1666294		35 32	1703855 22 1704056 22	11 12	1706634 32 1707691 2	29 10	1717143 30 1717146 12	23 2	1917372 22 1917372 28	23 20
1666294		32 46	1704050 22	13	1707091 2	4	1717140 12	26	1917372 20	9
1666332		27	1704075 22	14	1707710 10	2	1717203 30	14	1917372 32	13
1666332		12	1704098 34	42	1707956 34	3	1717291 34	2	1917372 34	40
1667248		2	1704135 22	15	1708030 10	17	1717297 30	30	1918249 16	32
1668500		5	1704180 22	16	1708030 28	17	1718214 12	37	1918431 10	10
1668500	28	5	1704314 28	10	1708030 32	23	1718214 30	32	1919326 12	9
1668500	32	17	1704314 32	16	1708099 16	5	1718214 34	4	1919326 14	18
1670578		14	1704341 20	6	1708120 16	*	1718215 12	36	1919326 16	11
1672023		3	1704355 20	7	1708210 16	34	1718215 30	31	1919326 16	18
1673320		12	1704405 22	17	1708211 16	1	1718215 34	5	1919326 20	13
1674315		21	1704507 22	18	1708212 16	12	1718295 12	7	1919326 34	13
1675043		4	1704508 22	19	1708213 16	23	1718295 30	8	1919381 34	36
1675707		5	1704603 20 1704615 22	8 40	1708238 14 1708239 14	4	1718295 34 1718304 34	11 15	1919438 12	13
1676148 1676148		6 15	1704615 22 1704768 34	40 21	1708239 14 1708352 10	1 34	1718304 34 1718309 34	15 14	1919438 20 1919438 34	14 16
1676833		7	1704766 34	3	1700332 10	1	1718535 20	5	1920161 14	22
1676833		28	1704880 12	31	1709941 34	30	1718852 36	2	1920161 16	15
1676892		9	1704880 34	45	1713091 30	18	1719363 36	5	1920397 16	37
1676892		26	1704881 30	20	1713523 12	23	1910531 2	7	1920397 32	3
1678435		8	1704977 20	9	1713523 34	28	1910531 18	8	1920415 28	21
167843		8	1704982 34	41	1713540 34	1	1910531 22	21	1920415 32	21
167843		10	1704983 32	20	1713621 30	19	1910531 26	5	1921176 16	28
1678435		34	1705010 20	10	1713624 12	26	1916622 14	14	1921210 14	7
1679163	3 20	1	1705063 2	11	1713624 30	17	1916622 16	9	1921210 14	25

Part No. Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.	Part No. Page No	Ref No.
1921210 16	21	1927428 22	26	1933896 30	7	1			
1921210 18	10	1927557 10	29	1933896 34	10				
1921319 22	24	1927557 12	34	1933988 10	35				
1921319 34	33	1927557 28	29	1933988 28	35				
1921333 12	8	1928352 22	27	1933988 32	37				
1921333 12	15	1928691 10	30	1935048 20	19				
1921333 34 1921677 16	12 17	1928691 28 1928691 32	30 30	1935048 30 1935048 32	27 1				
1921958 14	3	1928698 20	15	1960077 22	33				
1921958 16	33	1928919 2	8	1960077 22	34				
1921959 10	23	1928919 18	9	1960122 20	20				
1921959 28	23	1928919 22	28	1960185 20	21				
1921959 32	5	1928919 26	6	1960221 22	35				
1921965 36	4	1930531 2	6	1960223 12	30				
1921966 22	25	1930531 18	7	1960223 34	44				
1921969 10	21	1930531 22	29	1960233 30	29				
1921969 34	17	1930531 26	7	1960251 28	36				
1921971 30	33	1930561 14	31	1960251 32	25				
1921977 14	17	1930561 18	16	1960252 2	4				
1921977 16	19	1930591 30	24	1960252 10	37				
1922130 14	30	1930600 30	21	1960252 18	5				
1922130 18	15 27	1930641 2 1930641 10	3	1960252 22 1960252 26	36				
1922134 16 1922648 24	27 4	1930641 10 1930641 18	31 6	1960252 26 1960252 28	9 37				
1922755 10	39	1930641 26	8	1960252 28	2				
1922755 12	35	1930641 28	31	1960256 10	38				
1923114 14	2	1930641 32	4	1960256 28	38				
1923325 34	6	1930642 22	30	1960256 32	39				
1923341 28	24	1930644 14	5	1960318 34	37				
1923341 32	18	1930651 14	11	1960339 10	25				
1923362 16	10	1930651 16	25	1960371 20	22				
1923362 30	13	1931277 10	40	1960373 34	43				
1923362 34	38	1931277 12	4	1960381 22	37				
1923903 24	4	1931277 30	5	1960399 22	38				
1924009 10	24	1931277 34	8	1960400 22	39				
1924009 32	33	1931332 4	5	1960404 12	5				
1924356 10	36	1931332 6	6	1960404 30	6				
1924361 28 1924361 32	25 14	1931332 8 1931332 20	6 16	1960404 34 1960472 10	9 22				
1924874 10	26	1931332 20	32	1960472 10	22				
1924874 28	26	1931333 12	1	1960472 32	8				
1924874 32	11	1931333 22	31	1960520 34	47				
1924940 10	27	1931333 28	32	1960565 10	42				
1924940 12	22	1931333 30	22	1960565 12	29				
1924940 14	10	1931333 32	7						
1924940 14	26	1931335 34	27						
1924940 16	24	1931337 30	16						
1924940 18	11	1931338 20	17						
1924940 28	27	1931339 20	18						
1924940 30	34	1931355 10	33						
1924940 32	22	1931355 28	33						
1924940 32	26 18	1931355 32	9 7						
1924940 34 1925003 10	18 28	1931942 10 1933263 28	34						
1925003 10	26 28	1933263 26	34 24						
1925003 28	20 41	1933468 30	15						
1925003 34	32	1933886 22	32						
1925205 4	6	1933896 12	6						

Hardware Identification & Torque Specifications

Common Hardware Types

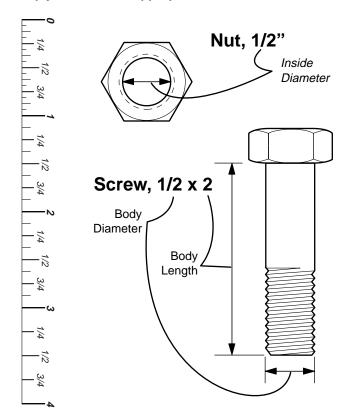


Standard Hardware Sizing

When a washer or nut is identified as **1/2**", this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as 1/2 - 16 x 2", this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade		vo arks rade 2	SAE G	Grade 5	SAE Grade 8		
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	
8-32	19	2.1	30	3.4	41	4.6	
8-36	20	2.3	31	3.5	43	4.9	
10-24	27	3.1	43	4.9	60	6.8	
10-32	31	3.5	49	5.5	68	7.7	
1/4-20	66	7.6	8	10.9	12	16.3	
1/4-28	76	8.6	10	13.6	14	19.0	
5/16-18	11	15.0	17	23.1	25	34.0	
5/16-24	12	16.3	19	25.8	27	34.0	
3/8-16	20	27.2	30	40.8	45	61.2	
3/8-24	23	31.3	35	47.6	50	68.0	
7/16-14	30	40.8	50	68.0	70	95.2	
7/16-20	35	47.6	55	74.8	80	108.8	
1/2-13	50	68.0	75	102.0	110	149.6	
1/2-20	55	74.8	90	122.4	120	163.2	
9/16-12	65	88.4	110	149.6	150	204.0	
9/16-18	75	102.0	120	163.2	170	231.2	
5/8-11	90	122.4	150	204.0	220	299.2	
5/8-18	100	136	180	244.8	240	326.4	
3/4-10	160	217.6	260	353.6	386	525.0	
3/4-16	180	244.8	300	408.0	420	571.2	
7/8-9	140	190.4	400	544.0	600	816.0	
7/8-14	155	210.8	440	598.4	660	897.6	
1-8	220	299.2	580	788.8	900	1,244.0	
1-12	240	326.4	640	870.4	1,000	1,360.0	

NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- 2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws use 135% of grade 5 torques.
- 3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Wrench & Fastener Size Guide



1/4" Bolt or Nut Wrench—7/16"



5/16" Bolt or Nut Wrench—1/2"



3/8" Bolt or Nut Wrench—9/16"



7/16" Bolt or NutWrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut Wrench—3/4"

